

June 28, 1960

M. D. R.

We are enclosing the following data you requested:

1. Sine wave response curves for:

- (a) SO-221 D-19 8'
SO-221 D-76 4'
- (b) SO-243 type (FE-47943-2) D-19 8'
SO-243 type (FE-47943-2) D-76 5'
- (c) SO-213 D-19 8'
SO-213 D-76 4'
- (d) SO-221 D-19 8'
SO-221 D-76 4'

2. Granularity curves for:

- (a) SO-213 D-19 8'
SO-213 D-76 4'

SO-243 D-19 8'
SO-243 D-76 5'
- (b) SO-221 D-19 8'
SO-221 D-76 4'

3. Preliminary report on Dimensional Characteristics of Estar base films

Under separate cover we are sending a small sample of aerial emulsion and pelloid on Estar base. Although the emulsion is not one you intend to use, it is all we have at the moment any may be useful in preliminary checks of capacitance edge sensing.

We do not now have any data on the effect of silver halide solvent developers on the response of SO-213, but if this becomes important to you perhaps we can plan some work when we get together in the next week or so.

Although some of our chemists have heard of 2(B-hydroxyethyl) aminophenol sulfate and photo-glycine as developing agents

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we do not have any data available. The first compound is not available from us and we do not know where it can be obtained.

Al S. has gone over your exposure calculations, and, as I mentioned on the phone, thinks they are sound. But he feels there is not much of a safety factor and the exposure is right at the minimum. Any technique to get more speed during processing should help.

We're looking forward to seeing you next week.

JSM/MDG

cc: L.E.W. ✓

J. S. M.